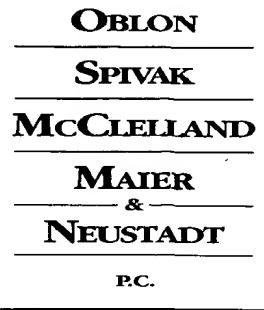




DATE ALLOWED: March 29, 2004

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313



ATTORNEYS AT LAW

Docket No.: 198334US8

RE: Application Serial No.: 09/741,824

Inventor: Kazuhisa KASHIHARA, et al.

Filing Date: December 22, 2000

For: ARRAYED WAVEGUIDE GRATING TYPE OPTICAL  
MULTIPLEXER/DEMULTIPLEXER AND OPTICAL WAVEGUIDE CIRCUIT

Group: 2874

Examiner: PALMER, PHAN T H

SIR:

Attached hereto for filing are the following papers:

**LETTER SUBMITTING DRAWING REPLACEMENT SHEET(S)  
REPLACEMENT DRAWING SHEETS (22)**

Our check in the amount of **\$0.00** is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 CFR 1.136 for the necessary extension of time.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Bradley D. Lytle

Registration No. 40,073

**Joseph A. Scafetta, Jr.**

Registration No. 26,803

Masayasu Mori

Registration No. 47,301

Customer Number

**22850**

Tel. (703) 413-3000

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(OSMMN 05/04)

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Docket No.: 198334US8



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION: Kazuhisa KASHIHARA, et al.

SERIAL NO.: 09/741,824

GAU: 2874

FILED: December 22, 2000

EXAMINER: PALMER, PHANTH

FOR: ARRAYED WAVEGUIDE GRATING TYPE OPTICAL  
MULTIPLEXER/DEMULTIPLEXER AND OPTICAL WAVEGUIDE CIRCUIT

**LETTER SUBMITTING REPLACEMENT DRAWING SHEET(S)**

COMMISSIONER FOR PATENTS

Alexandria, VA 22313

SIR:

Responsive to the below indicated communication, the following drawing sheets are submitted herewith:

22 Replacement Drawing Sheets       \_\_\_\_\_ New Drawing Sheets

Official Action dated \_\_\_\_\_  
 Notice of Allowance/Issue Fee dated March 29, 2004  
 Other dated \_\_\_\_\_

The changes and/or modifications made include the following:

The replacement drawings submitted herewith replace original Figures 1a-28.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

A handwritten signature in cursive ink that appears to read "Joseph A. Scafetta, Jr." or "Bradley D. Lytle".

Bradley D. Lytle  
Registration No. 40,073  
**Joseph A. Scafetta, Jr.**  
**Registration No. 26,803**

Masayasu Mori  
Registration No. 47,301

Customer Number

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Tel. (703) 413-3000  
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(OSMMN 06/04)

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